

IN THE SPECIFICATION

Please amend the specification as follows:

The paragraph at page 6, line 15 is amended as follows:

A1
In one embodiment shown in Fig. 3, NOS 20 includes a distributed messaging layer (DML) 22 component, an object manager (OM) component 24 layered over DML, control blade redundancy (CBR) 26 for redundant system controllers, and system objects including a resource manager (RM) 28 for managing separate resource elements and a resource location service (RLS) 30. Resource location service 30 provides load balancing across capable processor elements ~~(Pes)~~ (PEs) to create an object. PE selection is based on predefined constraints.

The paragraph at page 9, line 7 is amended as follows:

A2
OMORIG agent 42 runs on every Control Blade, whether it is Master or Standby Blade. OMORI local sends the change only to Master. Control Blade Redundancy feature, described below ~~Error!~~ **Reference source not found.**, takes care of replicating and synchronizing OMORIG database from Master to Standby.

The paragraph at page 9, line 11 is amended as follows:

A3
OMORIG 42 provides several mappings of Object Ids. It manages lists of object Ids, which are located on the same address space, lists of object Ids which belong to the same group, a sorted Global object ID list and an unsorted Global object ID list. The OID link is shown on the Figure 7. ~~The OID link data structure and OMORIG API are described in Appendix A.~~

The paragraph at page 12, line 19 is amended as follows:

A4
Transaction Layer 46 in Figure 10 is used to provide management of request/ reply transaction and has *exactly once* semantics, with guaranteed termination. There is a global list of requests on each processor. Each request is identified by unique index. When request is being sent a callback function could be provided if reply is expected. ~~One embodiment of Transaction Layer Data structures and an associated API are described in Appendix A.~~

The paragraph at page 18, line 9 is amended as follows:

A5
As shown on the Figure 18, user requests creation of VR 1.1.1.1 for VPN 1 on the blade with id 2. (This implies that VPN 1 was created prior to the described request.) In one embodiment, the steps described in ~~Figure 19~~ Figures 19A, 19B and 19C will be taken.

The paragraph at page 18, line 12 is amended as follows:

A6
As shown on Figure 20, user requests to create VR 1.1.1.1 for VPN 1 on blade with id 2. This implies that VPN 1 was created prior to the described request. VR consists of multiple objects. As an example here IP object, trace route object (TR), and SNMP object encompass VR. In one embodiment, the steps described in ~~Figure 21~~ Figures 21A and 21B will be taken.

The paragraph at page 25, line 19 is deleted:

A7
~~A representative CBR API and associated data structures is shown in Appendix B.~~

Please delete Appendix A and Appendix B.